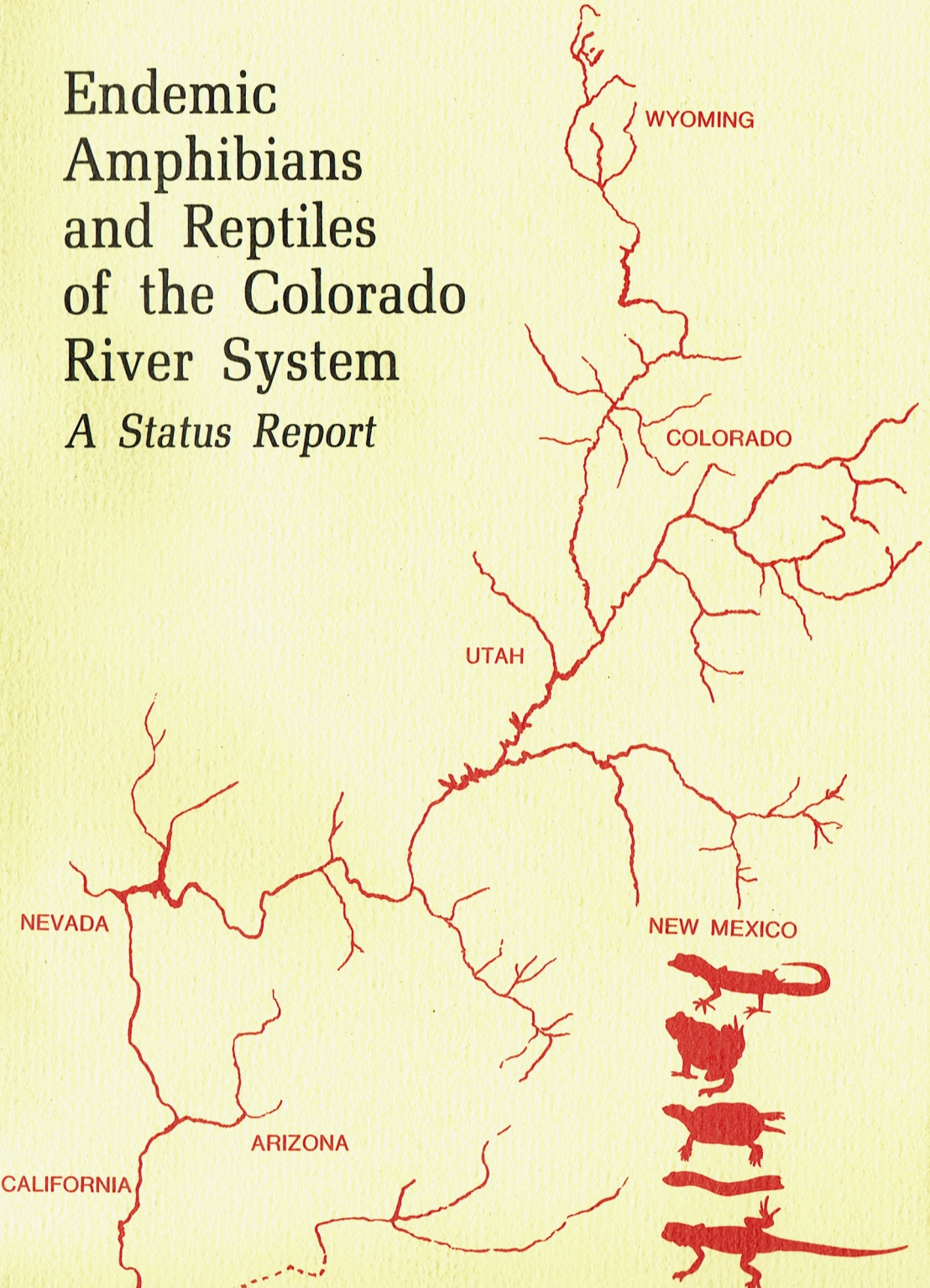
Endemic Amphibians and Reptiles of the Colorado River System

A Status Report



Endemic Amphibians and Reptiles of the Colorado River System

A Status Report

A Publication of the Colorado River Wildlife Council

Prepared by the Endemic Species Committees

1982

The Council

Arizona Game and Fish Department
California Department of Fish and Game
Colorado Division of Wildlife
Nevada Department of Wildlife
New Mexico Department of Game and Fish
Utah Division of Wildlife Resources
Wyoming Game and Fish Department

The Colorado River Wildlife Council

In 1956 an interstate committee was formed to coordinate the protection and management of the fish and wildlife resources of the Colorado River. This committee was formalized on March 31, 1964, as the Colorado River Wildlife Council.

The Council consists of representatives of fish and game departments and wildlife agencies of the seven states located on the Colorado River drainage — Arizona, California, Colorado, Nevada, New Mexico, Utah and Wyoming.

Participating but nonvoting members of the Council may include representatives from the following federal agencies: the Bureau of Land Management, Forest Service, Fish and Wildlife Service, Bureau of Reclamation, National Park Service, Coast Guard, Army Corps of Engineers and such other agencies as may be determined by the Council. The purposes and goals of the Council are:

(a) To foster, encourage, and promote the sound management and use of all fish and wildlife resources in the Colorado River drainage.

(b) To study proposed or current Federal projects affecting the Colorado River drainage and to provide assistance or advice to any agency if and when the Council deems it necessary for the beneficial management of the fish and wildlife resources.

(c) To advise on the planning and coordination of any interstate or intrastate activity affecting the fish and wildlife resources of the Colorado River drainage.

(d) To suggest, consider, and encourage coordination of laws and regulations deemed necessary for the protection, welfare, and proper use of the fish and wildlife resources in the Colorado River drainage and to recommend such laws and regulations for adoption by the appropriate authorities.

Technical Committees

A professional technical committee made up of representatives from each state advises the Council. This committee provides the basic biological expertise on matters pertaining to fish and wildlife.

Because of travel considerations and common problems, subcommittees reporting to the Technical Committee are organized as Upper and Lower Basin sections. The lower basin states are Arizona, California and Nevada. The upper basin states are Colorado, New Mexico, Utah and Wyoming.

Also reporting to the Technical Committee is the Prohibited and Protected Fishes, Amphibians and Reptiles Committee. This group oversees the work of the Endemic Species Committees which also are organized as Upper and Lower Basin sections.

The Endemic Species Committees are responsible for consolidating management programs for endemic species which are under varying degrees of environmental stress, and they also coordinate the activities of study groups. Here is a chart illustrating the lines of authority for the various committees reporting to the Council:

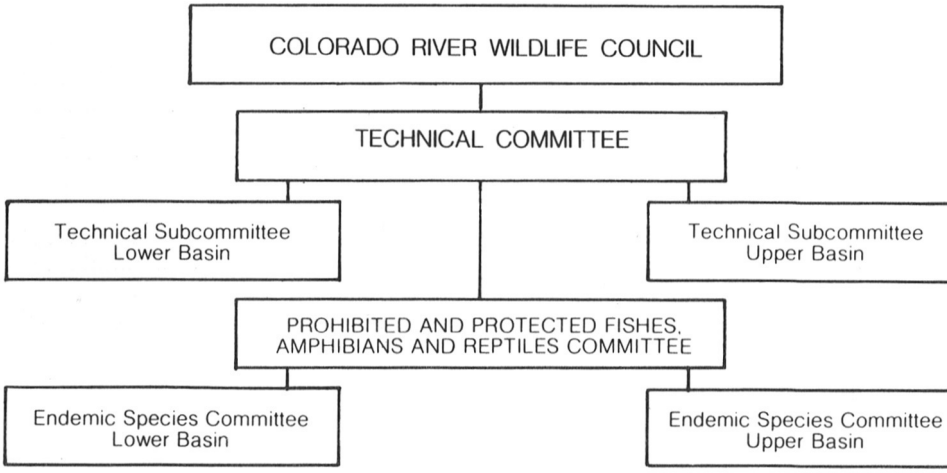

COLORADO RIVER WILDLIFE COUNCIL
TECHNICAL COMMITTEE
Technical Subcommittee Lower Basin
Technical Subcommittee Upper Basin
PROHIBITED AND PROTECTED FISHES, AMPHIBIANS AND REPTILES COMMITTEE
Endemic Species Committee Lower Basin
Endemic Species Committee Upper Basin

Table of Contents

Endemic Species of the Colorado River System

Page

Definitions of Terms 11

Map

FAMILY: *Ambystomidae*
Tiger Salamander - *Ambystoma tigrinum* 13

FAMILY: *Bufonidae*
Colorado River Toad - *Bufo alvarius* 14
Western Toad - *Bufo boreas* 14
Great Plains Toad - *Bufo cognatus* 14
Green Toad - *Bufo debilis* 14
Southwestern Toad - *Bufo microscaphus* 15
Red-Spotted Toad - *Bufo punctatus* 15
Sonoran Green Toad - *Bufo retiformis* 15
Woodhouse's Toad - *Bufo woodhousei* 15

FAMILY: *Microhylidae*
Great Plains Narrow-Mouthed Toad - *Gastrophyrne olivacea* 16

FAMILY: *Pelobatidae*
Plains Spadefoot - *Scaphiopus bombifrons* 16
Couch's Spadefoot - *Scaphiopus couchi* 16
Western Spadefoot - *Scaphiopus hammondi* 16
Great Basin Spadefoot - *Scaphiopus intermontanus* 16

FAMILY: *Hylidae*
Canyon Treefrog - *Hyla arenicolor* 16
Pacific Treefrog - *Hyla regilla* 17
Arizona Treefrog - *Hyla wrightorum* 17
Burrowing Treefrog - *Pternohyla fodiens* 17
Chorus Frog - *Pseudacris triseriata* 17

FAMILY: *Leptodactylidae*
Barking Frog - *Eleuthero dactylus augusti* 17

FAMILY: *Ranidae*
Bullfrog - *Rana catesbeiana* 18
Leopard Frog - *Rana pipiens* 18
Tarahumara Frog - *Rana tarahumarae* 18

FAMILY: *Chelydridae*
Yellow Mud Turtle - *Kinosternon flavescens* 19
Sonora Mud Turtle - *Kinosternon sonoriense* 19

FAMILY: *Testudinidae*
Painted Turtle - *Chrysemys picta*.....19
Desert Tortoise - *Gopherus agassizi*.....19
Western Box Turtle - *Terrapene ornata*.....19

FAMILY: *Trionychidae*
Spiny Softshell - *Trionyx spiniferus*.....20

FAMILY: *Anguidae*
Arizona Alligator Lizard - *Gerrhonotus kingi*.....20

FAMILY: *Gekkonidae*
Banded Gecko - *Coleonyx variegatus*.....20

FAMILY: *Helodermatidae*
Gila Monster - *Heloderma suspectum*.....21

FAMILY: *Iguanidae*
Zebra-Tailed Lizard - *Callisaurus draconoides*.....21
Collared Lizard - *Crotaphytus collaris*.....21
Leopard Lizard - *Crotaphytus wislizenii*.....22
Desert Iguana - *Dipsosaurus dorsalis*.....22
Lesser Earless Lizard - *Holbrookia maculata*.....22
Greater Earless Lizard - *Holbrookia texana*.....22
Texas Horned Lizard - *Phrynosoma cornutum*.....22
Short-Horned Lizard - *Phrynosoma douglassi*.....22
Flat-Tailed Horned Lizard - *Phrynosoma m'calli*.....23
Round-Tailed Horned Lizard - *Phrynosoma modestum*.....23
Desert Horned Lizard - *Phrynosoma platyrhinos*.....23
Regal Horned Lizard - *Phrynosoma solare*.....23
Chuckwalla - *Sauromalus obesus*.....24
Clark's Spiny Lizard - *Sceloporus clarki*.....24
Sagebrush Lizard - *Sceloporus graciosus*.....25
Yarrow's Spiny Lizard - *Sceloporus jarrovi*.....25
Desert Spiny Lizard - *Sceloporus magister*.....25
Western Fence Lizard - *Sceloporus occidentalis*.....25
Bunch Grass Lizard - *Sceloporus scalaris*.....26
Eastern Fence Lizard - *Sceloporus undulatus*.....26
Striped Plateau Lizard - *Sceloporus virgatus*.....26
Colorado Desert Fringe-Toed Lizard - *Uma notata*.....26
Mojave Fringe-Toed Lizard - *Uma scoparia*.....26
Long-Tailed Brush Lizard - *Urosaurus graciosus*.....26
Tree Lizard - *Urosauras ornatus*.....27
Side-Blotched Lizard - *Uta stansburiana*.....27

FAMILY: *Scincidae*
Mountain Skink - *Eumeces callicephalus*.....27
Gilbert's Skink - *Eumeces gilberti*.....27
Many-Lined Skink - *Eumeces multivirgatus*.....28
Great Plains Skink - *Eumeces obsoletus*.....28
Western Skink - *Eumeces skiltonianus*.....28

FAMILY: *Teiidae*
Giant Spotted Whiptail - *Cnemidophorus burti*.....28
Chihuahua Whiptail - *Cnemidophorus exsanguis*.....28
Little Striped Whiptail - *Cnemidophorus inoratus*.....29
New Mexican Whiptail - *Cnemidophorus neomexicanus*.....29
Checkered Whiptail - *Cnemidophorus tesselatus*.....29
Western Whiptail - *Cnemidophorus tigris*.....29
Desert-Grassland Whiptail - *Cnemidophorus uniparens*.....29
Plateau Whiptail - *Cnemidophorus velox*.....30

FAMILY: *Xantusiidae*
Arizona Night Lizard - *Xantusia arizonae*.....30
Desert Night Lizard - *Xantusia vigilis*.....30

FAMILY: *Boidae*
Rubber Boa - *Charina bottae*.....30
Rosy Boa - *Lichanura trivirgata*.....30

FAMILY: *Colubridae*

Glossy Snake - *Arizona elegans* 30
Banded Sand Snake - *Chilomeniscus cinctus* 31
Western Shovel-Nosed Snake - *Chionactis occipitalis* 31
Sonora Shovel-Nosed Snake - *Chionactis palarostris* 31
Racer - *Coluber constrictor* 31
Ringneck Snake - *Diadophis punctatus* 31
Corn Snake - *Elaphe guttata* 32
Green Rat Snake - *Elaphe triaspis* 32
Western Hook-Nosed Snake - *Ficimia cana* 32
Desert Hook-Nosed Snake - *Ficimia quadrangularis* 32
Western Hognose Snake - *Heterodon nasicus* 32
Night Snake - *Hypsiglena torquata* 32
Common Kingsnake - *Lampropeltis getulus* 33
Sonora Mountain Kingsnake - *Lampropeltis pyromelana* 33
Milk Snake - *Lampropeltis triangulum* 34
Sonora Whipsnake - *Masticophis bilineatus* 34
Coachwhip - *Masticophis flagellum* 34
Striped Whipsnake - *Masticophis taeniatus* 34
Smooth Green Snake - *Opheodrys vernalis* 35
Vine Snake - *Oxybelis aeneus* 35
Saddled Leaf-Nosed Snake - *Phyllorhynchus browni* 35
Spotted Leaf-Nosed Snake - *Phyllorhynchus decurtatus* 35
Gopher Snake - *Pituophis melanoleucus* 35
Long-Nosed Snake - *Rhinocheilus lecontei* 36
Mountain Patch-Nosed Snake - *Salvadora grahamiae* 36
Western Patch-Nosed Snake - *Salvadora hexalepis* 36
Western Ground Snake - *Sonora semiannulata* 37
Plains Black-Headed Snake - *Tantilla nigriceps* 37
Western Black-Headed Snake - *Tantilla planiceps* 37
Huachuca Black-Headed Snake - *Tantilla wilcoxi* 37
Black-Necked Garter Snake - *Thamnophis cyrtopsis* 37
Western Terrestrial Garter Snake - *Thamnophis elegans* 38
Mexican Garter Snake - *Thamnophis eques* 38
Checkered Garter Snake - *Thamnophis marcianus* 38
Narrow-Headed Garter Snake - *Thamnophis rufipunctatus* 38
Common Garter Snake - *Thamnophis sirtalis* 38
Sonora Lyre Snake - *Trimorphodon lambda* 38

FAMILY: *Elapidae*

Arizona Coral Snake - *Micruroides euryxanthus* 39

FAMILY: *Leptotyphlopidae*
Texas Blind Snake - *Leptotyphlops dulcis* 39
Western Blind Snake - *Leptotyphlops humilis* 39

FAMILY: *Viperidae*
Western Diamondback Rattlesnake - *Crotalus atrox* 39
Sidewinder - *Crotalus cerastes* 39
Rock Rattlesnake - *Crotalus lepidus* 40
Speckled Rattlesnake - *Crotalus mitchelli* 40
Black-Tailed Rattlesnake - *Crotalus molossus* 40
Twin-Spotted Rattlesnake - *Crotalus pricei* 40
Mojave Rattlesnake - *Crotalus scutulatus* 41
Tiger Rattlesnake - *Crotalus tigris* 41
Western Rattlesnake - *Crotalus viridis* 41
Ridge-Nosed Rattlesnake - *Crotalus willardi* 41
Massasauga - *Sistrurus catenatus* 41

INTRODUCTION

This booklet, "Endemic Amphibians and Reptiles of the Colorado River System . . . a Status Report," is the second publication of the Endemic Species Committee. The wide acceptance of the first, covering the endemic fishes, led to this endeavor. Through encouragement of the Colorado River Wildlife Council, fishery biologists from the seven basin states compiled this status report of amphibians and reptiles occurring within the drainage.[1]

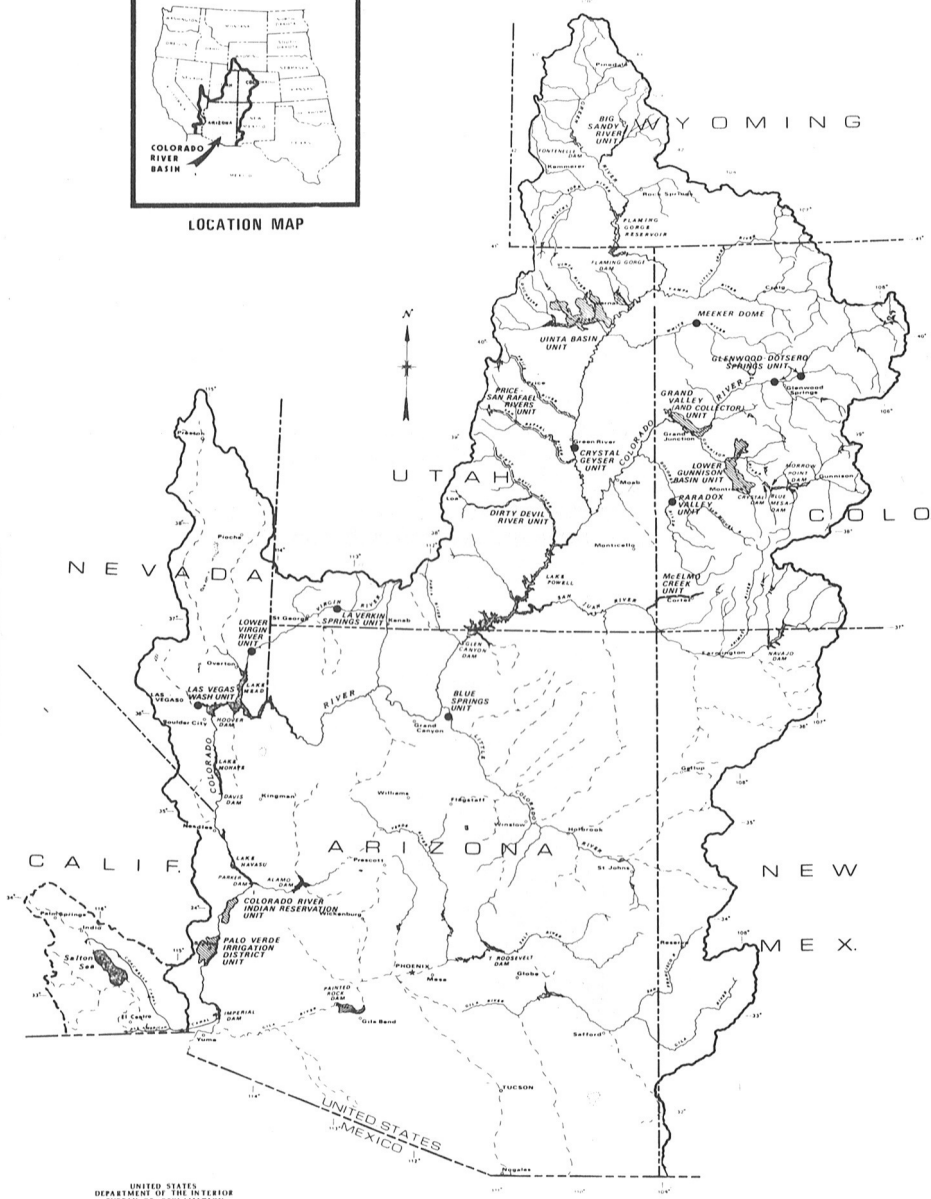
To ease difficulty with ever-changing nomenclature among the scientific community, Dr. Robert C. Stebbins', A Field Guide to Western Reptiles and Amphibians, 1966, was the sole reference utilized. To further minimize confusion, a defined list of terms was selected to reference species occurrence and status.[2]

The purpose of this booklet is education; it is intended to make the reader aware of the status of endemic species, many of which have been affected by urbanization, habitat destruction and commercialization.

It is hoped this list will provide a useful reference and encourage new interest and study of this part of our natural heritage — the endemic amphibians and reptiles of the Colorado River system.

1. (See Page 10). For the purposes of this report the "drainage" is as outlined on map No. 1244-300-61 of the "Final Environmental Statement, Colorado River Water Quality Improvement Program," (Bureau of Reclamation [Lead Agency] and Soil Conservation Service in support of P.O. 930320, Title II, Volume 1 of II).
2. (See Page 11). Op. cit. "Definitions of Terms" List.

LOCATION MAP



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

COLORADO RIVER WATER QUALITY IMPROVEMENT PROGRAM

ARIZONA - CALIFORNIA - COLORADO
NEVADA - NEW MEXICO - UTAH - WYOMING

UPPER COLORADO REGION - LOWER COLORADO REGION

MAP NO. 1244-500-81

SCALE OF MILES

SCALE OF KILOMETERS

REVISED JUNE 1980

Definitions of Terms

Common — A species or subspecies which is frequently found within its habitat.

Uncommon — A species or subspecies which is infrequently found within its habitat.

Rare — A species or subspecies which is seldom found within its habitat.

Undetermined — A species or subspecies whose occurrence and/or population strength is unknown.

Peripheral — A species or subspecies whose occurrence is at the margin of its natural range.

Isolated Populations — A population of a species or subspecies geographically separated from similar forms.

Depleted — A species or subspecies whose numbers are greatly reduced.

Threatened — A species or subspecies which may likely become endangered.

Endangered — A species or subspecies in danger of extinction.

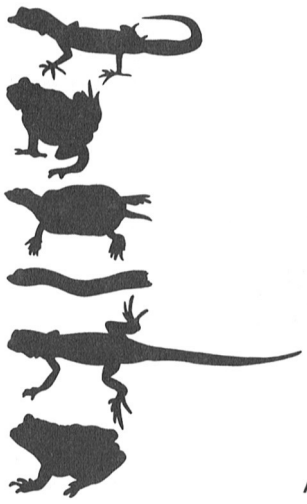
Restricted Range — Suitable habitat extremely limited, similar to peripheral occurrence.

Drawings by
CHERYL ANN AVANTS
California Department of Fish and Game

Copies or information concerning the Status Report on Endemic Amphibians and Reptiles of the Colorado River System may be obtained from the following State agencies:

Arizona Game and Fish Department, 2222 W. Greenway Road, Phoenix, AZ, 85023, (602-942-3000) — California Department of Fish and Game, 350 Golden Shore, Long Beach, CA, 90802, (213-590-5151) — Colorado Division of Wildlife, 6060 Broadway, Denver, CO, 80216, (303-825-1192) — Nevada Department of Wildlife, State Mail Room Complex, Las Vegas, NV, 89158, (702 -784-6214) — New Mexico Department of Game and Fish, Villagra Building, Santa Fe, NM, 87053, (505-827-2923) — Utah Division of Wildlife Resources, 1596 West North Temple, Salt Lake City, UT, 84116, (801-533-9333) — Wyoming Game and Fish Department, Rt. 2, Box 25, Laramie, WY, 82070, (307-745-4046).

Endemic Amphibians and Reptiles of the Colorado River System

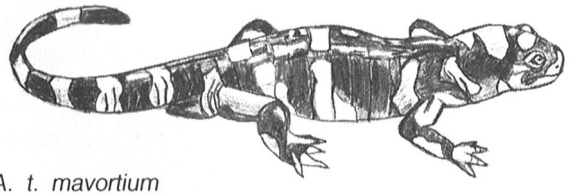


AMPHIBIANS

RANGE REMARKS

FAMILY: *Ambystomidae*

TIGER SALAMANDER — *Ambystoma tigrinum*



A. t. mavortium

Colorado ..... Common, peripheral

A. t. melanostictum

Colorado ..... Common

Wyoming ..... Common

A. t. nebulosum

Arizona ..... Undetermined

Colorado ..... Common

New Mexico ..... Common

A. t. stebbinsi

Arizona ..... Endangered, isolated populations

RANGE REMARKS

FAMILY: *Ambystomidae* (cont'd)

A. t. utahensis

Arizona ..... Undetermined
Colorado ..... Undetermined
New Mexico ..... Common
Utah ..... Common
Wyoming ..... Common

FAMILY: *Bufonidae*

COLORADO RIVER TOAD — *Bufo alvarius*

Arizona ..... Common
California ..... Undetermined
New Mexico ..... Rare, endangered, isolated populations

WESTERN TOAD — *Bufo boreas*

Colorado ..... Common
Nevada ..... Peripheral
Utah ..... Common
Wyoming ..... Common

GREAT PLAINS TOAD — *Bufo cognatus*

Arizona ..... Common
California ..... Common
Nevada ..... Common
New Mexico ..... Common
Utah ..... Common

GREEN TOAD — *Bufo debilis*

B. d. insidior

Arizona ..... Rare, peripheral
New Mexico ..... Uncommon, isolated populations

RANGE REMARKS

SOUTHWESTERN TOAD — *Bufo microscaphus*

B. m. microscaphus

Arizona ..... Uncommon, isolated populations
California ..... Isolated populations
Nevada ..... Isolated populations
New Mexico ..... Uncommon, peripheral
Utah ..... Common, restricted range

RED-SPOTTED TOAD — *Bufo punctatus*

Arizona ..... Common
California ..... Common
Colorado ..... Undetermined
Nevada ..... Isolated populations
New Mexico ..... Uncommon
Utah ..... Common

SONORAN GREEN TOAD — *Bufo retiformis*

Arizona ..... Rare, peripheral

WOODHOUSE'S TOAD — *Bufo woodhousei*

B. w. australis

Arizona ..... Uncommon
New Mexico ..... Common

B. w. woodhousei

Arizona ..... Common
California ..... Common
Colorado ..... Common
Nevada ..... Peripheral
New Mexico ..... Common
Utah ..... Common

RANGE REMARKS

FAMILY: *Microhylidae*

GREAT PLAINS NARROW-MOUTHED TOAD — *Gastrophryne olivacea*

G. o. mazatlanensis

Arizona ..... Uncommon, peripheral

FAMILY: *Pelobatidae*

PLAINS SPADEFOOT — *Scaphiopus bombifrons*

Arizona ..... Uncommon, peripheral

New Mexico ..... Common

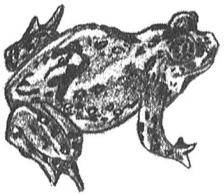
COUCH'S SPADEFOOT — *Scaphiopus couchi*

Arizona ..... Common

California ..... Isolated populations

New Mexico ..... Common

WESTERN SPADEFOOT — *Scaphiopus hammondi*



Arizona ..... Common

Colorado ..... Common

New Mexico ..... Common

GREAT BASIN SPADEFOOT — *Scaphiopus intermontanus*

Arizona ..... Uncommon

Colorado ..... Common

Nevada ..... Common

Utah ..... Common

Wyoming ..... Common

FAMILY: *Hylidae*

CANYON TREEFROG — *Hyla arenicolor*

Arizona ..... Common

Colorado ..... Undetermined

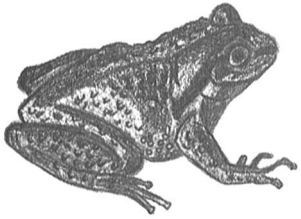
New Mexico ..... Common

Utah ..... Common, restricted range

RANGE REMARKS

FAMILY: *Hylidae (cont'd)*

PACIFIC TREEFROG — *Hyla regilla*



Arizona ..... Rare, isolated populations
California ..... Isolated populations
Nevada ..... Isolated populations

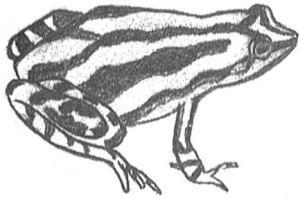
ARIZONA TREEFROG — *Hyla wrightorum*

Arizona ..... Uncommon
New Mexico ..... Rare, isolated populations

BURROWING TREEFROG — *Pternohyla fodiens*

Arizona ..... Rare, peripheral

CHORUS FROG — *Pseudacris triseriata*



P. t. maculata

Colorado ..... Common
New Mexico ..... Uncommon, isolated populations
Utah ..... Common
Wyoming ..... Common

P. t. triseriata

Arizona ..... Uncommon, peripheral, isolated populations
New Mexico ..... Uncommon, isolated populations

FAMILY: *Leptodactylidae*

BARKING FROG — *Eleutherodactylus augusti*

E. a. cactorum

Arizona ..... Threatened, isolated populations

RANGE REMARKS

FAMILY: *Ranidae*

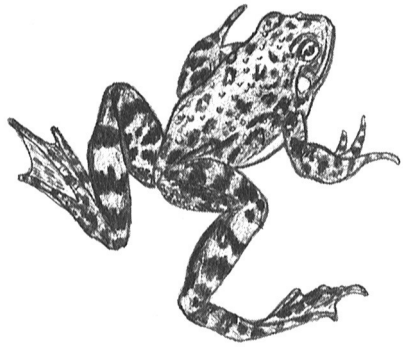
BULLFROG — *Rana catesbeiana*

Arizona ..... Common
California ..... Common
Colorado ..... Common
Nevada ..... Uncommon
New Mexico ..... Common
Utah ..... Undetermined

LEOPARD FROG — *Rana pipiens*

Arizona ..... Common
California ..... Undetermined
Colorado ..... Common
Nevada ..... Isolated populations
New Mexico ..... Common to rare, 4-5 subspecies
Utah ..... Common
Wyoming ..... Common

TARAHUMARA — *Rana tarahumarae*



Arizona ..... Threatened, peripheral, isolated populations

REPTILES

RANGE REMARKS

FAMILY: *Chelydridae*

YELLOW MUD TURTLE — *Kinosternon flavescens*

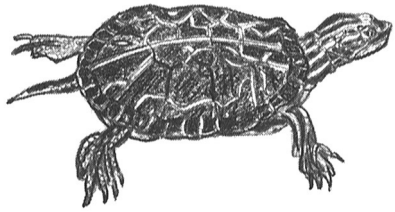
Arizona ..... Uncommon
California ..... Undetermined

SONORA MUD TURTLE — *Kinosternon sonoriense*

Arizona ..... Uncommon, isolated populations
California ..... Undetermined
New Mexico ..... Common, peripheral

FAMILY: *Testudinidae*

PAINTED TURTLE — *Chrysemys picta*



Colorado ..... Common
New Mexico ..... Common, isolated populations

DESERT TORTOISE — *Gopherus agassizi*

Arizona ..... Uncommon, threatened
California ..... Threatened
Nevada ..... Rare
Utah ..... Rare, restricted range

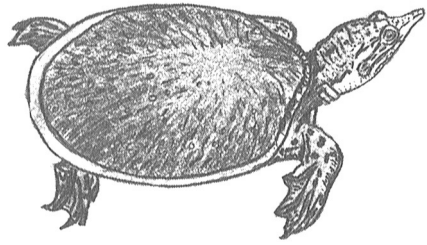
WESTERN BOX TURTLE — *Terrapene ornata*

T. o. luteola

Arizona ..... Uncommon, peripheral
New Mexico ..... Uncommon, isolated populations

FAMILY: *Trionychidae*

SPINY SOFTSHELL — *Trionyx spiniferus*



T. s. emoryi

Arizona ..... Common
California ..... Common
Nevada ..... Uncommon
New Mexico ..... Uncommon
Utah ..... Uncommon, restricted range

FAMILY: *Anguidae*

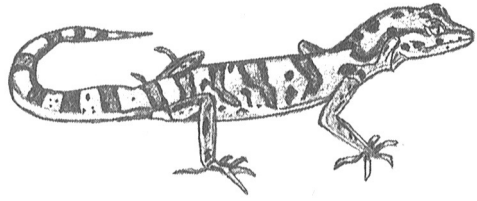
ARIZONA ALLIGATOR LIZARD — *Gerrhonotus kingi*

G. k. nobilis

Arizona ..... Uncommon
New Mexico ..... Uncommon, restricted range

FAMILY: *Gekkonidae*

BANDED GECKO — *Coleonyx variegatus*



C. v. bogerti

Arizona ..... Common
New Mexico ..... Common, peripheral

C. v. utahenis

Arizona ..... Undetermined
Nevada ..... Common
Utah ..... Common, restricted range

RANGE REMARKS

FAMILY: *Gekkonidae (cont'd)*

C. v. variegatus

Arizona ..... Common
California ..... Common
Nevada ..... Common

FAMILY: *Helodermatidae*

GILA MONSTER — *Heloderma suspectum*

H. s. cinctum

Arizona ..... Uncommon, threatened
California ..... Rare
Nevada ..... Rare
Utah ..... Rare, restricted range

H. s. suspectum

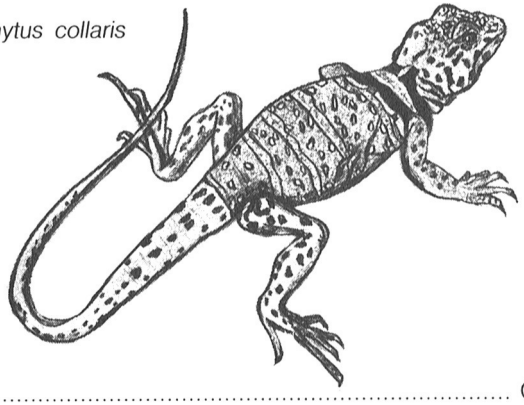
Arizona ..... Uncommon, threatened
New Mexico ..... Uncommon, endangered, peripheral

FAMILY: *Iguanidae*

ZEBRA-TAILED LIZARD — *Callisaurus draconoides*

Arizona ..... Common
California ..... Common
Nevada ..... Common
New Mexico ..... Uncommon, peripheral
Utah ..... Common, restricted range

COLLARED LIZARD — *Crotaphytus collaris*



Arizona ..... Common
California ..... Common
Colorado ..... Undetermined
Nevada ..... Common
New Mexico ..... Common
Utah ..... Common

RANGE REMARKS

FAMILY: *Iguanidae (cont'd)*

LEOPARD LIZARD — *Crotaphytus wislizenii*

C. w. wislizenii

Arizona ..... Uncommon
California ..... Common
Colorado ..... Undetermined
Nevada ..... Common
New Mexico ..... Uncommon, isolated populations
Utah ..... Common

DESERT IGUANA — *Dipsosaurus dorsalis*

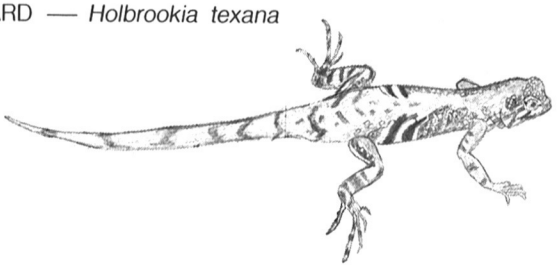
D. d. dorsalis

Arizona ..... Common
California ..... Common
Nevada ..... Common
Utah ..... Uncommon, restricted range

LESSER EARLESS LIZARD — *Holbrookia maculata*

Arizona ..... Common
Colorado ..... Common
New Mexico ..... Common
Utah ..... Common, restricted range

GREATER EARLESS LIZARD — *Holbrookia texana*



H. t. scitula

Arizona ..... Common
New Mexico ..... Common

TEXAS HORNED LIZARD — *Phrynosoma cornutum*

Arizona ..... Common
New Mexico ..... Common

SHORT-HORNED LIZARD — *Phrynosoma douglassi*

P. d. brevirostre

Utah ..... Common
Wyoming ..... Common

RANGE REMARKS

FAMILY: *Iguanidae (cont'd)*

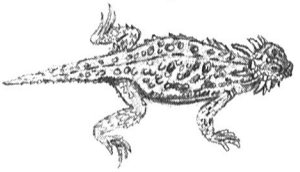
P. d. hernandesi

Arizona ..... Uncommon
Colorado ..... Undetermined
New Mexico ..... Common
Utah ..... Common

P. d. ornatissimum

Arizona ..... Common
Colorado ..... Common
New Mexico ..... Common
Wyoming ..... Undetermined

FLAT-TAILED HORNED LIZARD — *Phrynosoma m'calli*



Arizona ..... Threatened
California ..... Undetermined

ROUND-TAILED HORNED LIZARD — *Phrynosoma modestum*

Arizona ..... Common
New Mexico ..... Common

DESERT HORNED LIZARD — *Phrynosoma platyrhinos*

P. p. calidiarum

Arizona ..... Common
California ..... Common
Nevada ..... Common
Utah ..... Common, restricted range

P. p. platyrhinos

Nevada ..... Common

REGAL HORNED LIZARD — *Phrynosoma solare*

Arizona ..... Common

RANGE REMARKS

FAMILY: *Iguanidae (cont'd)*

CHUCKWALLA — *Sauromalus obesus*

S. o. multiforaminatus

Arizona ..... Common

Utah ..... Common, restricted range

S. o. obesus

Arizona ..... Common

California ..... Common

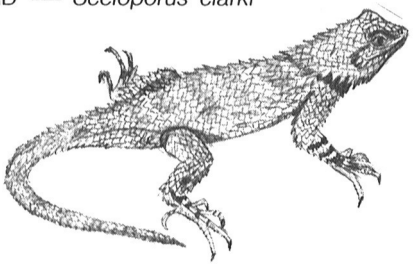
Nevada ..... Common

Utah ..... Uncommon, restricted range

S. o. tumidus

Arizona ..... Common

CLARK'S SPINY LIZARD — *Sceloporus clarki*



S. c. clarki

Arizona ..... Common

New Mexico ..... Common

S. c. vallaris

Arizona ..... Uncommon

RANGE REMARKS

FAMILY: *Iguanidae (cont'd)*

SAGEBRUSH LIZARD — *Sceloporus graciosus*

S. g. graciosus

Arizona ..... Uncommon
Colorado ..... Common
Nevada ..... Common
New Mexico ..... Common
Utah ..... Common
Wyoming ..... Common

YARROW'S SPINY LIZARD — *Sceloporus jarrovi*

S. j. jarrovi

Arizona ..... Common, peripheral
New Mexico ..... Common, peripheral

DESERT SPINY LIZARD — *Sceloporus magister*

S. m. bimaculosus

Arizona ..... Undetermined
New Mexico ..... Common

S. m. cephaloflavus

Arizona ..... Undetermined
Colorado ..... Common
New Mexico ..... Uncommon, peripheral
Utah ..... Common

S. m. magister

Arizona ..... Common

S. m. uniformis

Arizona ..... Common
California ..... Undetermined
Nevada ..... Common
New Mexico ..... Rare, peripheral
Utah ..... Uncommon

WESTERN FENCE LIZARD — *Sceloporus occidentalis*

S. o. biseriatus

California ..... Undetermined
Nevada ..... Common
Utah ..... Uncommon, peripheral

RANGE REMARKS

FAMILY: *Iguanidae (cont'd)*

BUNCH GRASS LIZARD — *Sceloporus scalaris*

Arizona ..... Uncommon

New Mexico ..... Rare, endangered, peripheral

EASTERN FENCE LIZARD — *Sceloporus undulatus*

S. u. consobrinus

Arizona ..... Common

New Mexico ..... Common

S. u. elongatus

Arizona ..... Common

Colorado ..... Common

Nevada ..... Undetermined

New Mexico ..... Common

Utah ..... Common

Wyoming ..... Common

S. u. tristichus

Arizona ..... Common

Colorado ..... Undetermined

New Mexico ..... Common

STRIPED PLATEAU LIZARD — *Sceloporus virgatus*

Arizona ..... Uncommon, isolated populations

New Mexico ..... Common, peripheral

COLORADO DESERT FRINGE-TOED LIZARD — *Uma notata*

U. n. notata

California ..... Common

U. n. rufopunctata

Arizona ..... Common

MOJAVE FRINGE-TOED LIZARD — *Uma scoparia*

Arizona ..... Undetermined, isolated populations

California ..... Common

LONG-TAILED BRUSH LIZARD — *Urosaurus graciosus*

U. g. graciosus

Arizona ..... Uncommon

California ..... Common

Nevada ..... Uncommon

RANGE REMARKS

FAMILY: *Iguanidae (cont'd)*

U. g. shannoni

Arizona ..... Uncommon

TREE LIZARD — *Urosaurus ornatus*

Arizona ..... Common
California ..... Common
Colorado ..... Common
Nevada ..... Common
New Mexico ..... Common
Utah ..... Common
Wyoming ..... Peripheral

SIDE-BLOTCHED LIZARD — *Uta stansburiana*

U. s. hesperis

Arizona ..... Common

U. s. stansburiana

Arizona ..... Common
Colorado ..... Undetermined
Nevada ..... Common
New Mexico ..... Common
Utah ..... Common

U. s. stejnegeri

Arizona ..... Common
California ..... Common
Nevada ..... Common
New Mexico ..... Common

FAMILY: *Scincidae*

MOUNTAIN SKINK — *Eumeces callicephalus*

Arizona ..... Uncommon, peripheral
New Mexico ..... Rare, endangered, isolated populations

GILBERT'S SKINK — *Eumeces gilberti*

E. g. arizonensis

Arizona ..... Rare, endangered, isolated populations

E. g. rubricaudatus

Nevada ..... Uncommon

RANGE REMARKS

FAMILY: *Scincidae (cont'd)*

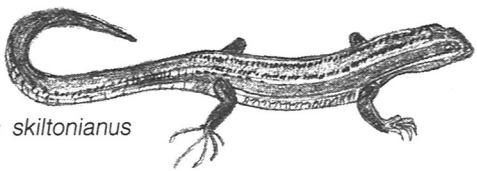
MANY-LINED SKINK — *Eumeces multivirgatus*

E. m. epipleurotus

Arizona ..... Uncommon
Colorado ..... Undetermined
New Mexico ..... Uncommon
Utah ..... Common

GREAT PLAINS SKINK — *Eumeces obsoletus*

Arizona ..... Uncommon
New Mexico ..... Uncommon



WESTERN SKINK — *Eumeces skiltonianus*

E. s. utahensis

Arizona ..... Undetermined, peripheral
Nevada ..... Uncommon
Utah ..... Common

FAMILY: *Teiidae*

GIANT SPOTTED WHIPTAIL — *Cnemidophorus burti*

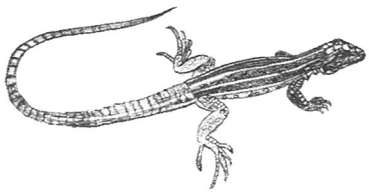
C. b. stictogrammus

Arizona ..... Common
New Mexico ..... Rare, endangered, isolated populations

C. b. xanthonotus

Arizona ..... Threatened, isolated populations

CHIHUAHUA WHIPTAIL — *Cnemidophorus exsanguis*



Arizona ..... Common
New Mexico ..... Common

RANGE REMARKS

FAMILY: *Teiidae (cont'd)*

LITTLE STRIPED WHIPTAIL — *Cnemidophorus inornatus*

Arizona ..... Uncommon, isolated populations
New Mexico ..... Common

NEW MEXICAN WHIPTAIL — *Cnemidophorus neomexicanus*

New Mexico ..... Uncommon, peripheral

CHECKERED WHIPTAIL — *Cnemidophorus tesselatus*

Arizona ..... Uncommon, peripheral
New Mexico ..... Uncommon

WESTERN WHIPTAIL — *Cnemidophorus tigris*

C. t. gracilis

Arizona ..... Common
New Mexico ..... Uncommon

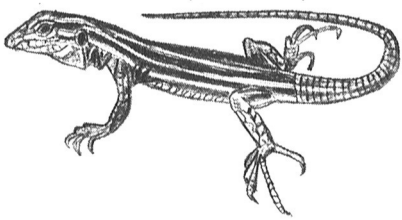
C. t. septentrionalis

Arizona ..... Common
Colorado ..... Undetermined
New Mexico ..... Uncommon, peripheral
Utah ..... Common

C. t. tigris

Arizona ..... Common
California ..... Common
Nevada ..... Common
Utah ..... Common

DESERT-GRASSLAND WHIPTAIL — *Cnemidophorus uniparens*



Arizona ..... Common
New Mexico ..... Common

RANGE REMARKS

FAMILY: *Teiidae (cont'd)*

PLATEAU WHIPTAIL — *Cnemidophorus velox*

Arizona ..... Common
Colorado ..... Undetermined
New Mexico ..... Common
Utah ..... Common

FAMILY: *Xantusiidae*

ARIZONA NIGHT LIZARD — *Xantusia arizonae*

Arizona ..... Uncommon

DESERT NIGHT LIZARD — *Xantusia vigilis*

X. v. utahensis

Utah ..... Uncommon, isolated populations

X. v. vigilis

Arizona ..... Common
California ..... Common
Nevada ..... Common
Utah ..... Uncommon, restricted range

FAMILY: *Boidae*

RUBBER BOA — *Charina bottae*

C. b. utahensis

Utah ..... Uncommon, peripheral
Wyoming ..... Undetermined

ROSY BOA — *Lichanura trivirgata*

L. t. gracia

Arizona ..... Uncommon
California ..... Common

L. t. trivirgata

Arizona ..... Uncommon

FAMILY: *Colubridae*

GLOSSY SNAKE — *Arizona elegans*

A. e. eburnata

Arizona ..... Common
California ..... Common
Nevada ..... Common
Utah ..... Rare, restricted range

RANGE REMARKS

FAMILY: *Colubridae (cont'd)*

A. e. noctivaga

Arizona ..... Common

A. e. philipi

Arizona ..... Common

New Mexico ..... Common

BANDED SAND SNAKE — *Chilomeniscus cinctus*

Arizona ..... Uncommon

WESTERN SHOVEL-NOSED SNAKE — *Chionactis occipitalis*

C. o. annulata

Arizona ..... Common

California ..... Common

C. o. klauberi

Arizona ..... Uncommon

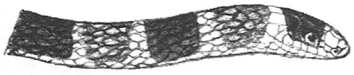
C. o. occipitalis

Arizona ..... Common

California ..... Common

Nevada ..... Common

SONORA SHOVEL-NOSED SNAKE — *Chionactis palarostris*



C. p. organica

Arizona ..... Uncommon, peripheral

RACER — *Coluber constrictor*

C. c. mormon

Arizona ..... Undetermined, peripheral

Colorado ..... Undetermined

Nevada ..... Undetermined

Utah ..... Common

Wyoming ..... Undetermined

RINGNECK SNAKE — *Diadophis punctatus*

D. p. regalis

Arizona ..... Uncommon

Nevada ..... Rare

New Mexico ..... Uncommon

Utah ..... Uncommon, peripheral

RANGE REMARKS

FAMILY: *Colubridae (cont'd)*

CORN SNAKE — *Elaphe guttata*

E. g. emoryi

Colorado ..... Undetermined
Utah ..... Rare, isolated populations

GREEN RAT SNAKE — *Elaphe triaspis*

E. t. intermedia

Arizona ..... Rare, isolated populations

WESTERN HOOK-NOSED SNAKE — *Ficimia cana*

Arizona ..... Uncommon
New Mexico ..... Uncommon

DESERT HOOK-NOSED SNAKE — *Ficimia quadrangularis*

F. q. desertorum

Arizona ..... Rare, peripheral

WESTERN HOGNOSE SNAKE — *Heterodon nasicus*

H. n. kennerlyi

Arizona ..... Uncommon, peripheral
New Mexico ..... Common

NIGHT SNAKE — *Hypsiglena torquata*

H. t. deserticola

Arizona ..... Common
California ..... Common
Nevada ..... Uncommon
Utah ..... Uncommon

H. t. loreala

Arizona ..... Undetermined
Colorado ..... Uncommon
New Mexico ..... Uncommon
Utah ..... Common

RANGE REMARKS

FAMILY: *Colubridae (cont'd)*

H. t. ochrorhyncha

Arizona ..... Common
Nevada ..... Undetermined
New Mexico ..... Uncommon
Utah ..... Undetermined

COMMON KINGSNAKE — *Lampropeltis getulus*

L. g. californiae

Arizona ..... Common
California ..... Common
Colorado ..... Undetermined
Nevada ..... Uncommon
Utah ..... Uncommon, restricted range

L. g. nigritus

Arizona ..... Rare, peripheral

L. g. splendida

Arizona ..... Uncommon, peripheral
New Mexico ..... Common, restricted range

L. g. yumensis

Arizona ..... Common
California ..... Uncommon

SONORA MOUNTAIN KINGSNAKE — *Lampropeltis pyromelana*

L. p. infralabialis

Arizona ..... Uncommon, isolated populations
Utah ..... Rare, peripheral

L. p. pyromelana

Arizona ..... Uncommon
New Mexico ..... Uncommon, endangered, restricted range

L. p. woodini

Arizona ..... Uncommon, isolated populations

RANGE REMARKS

FAMILY: *Colubridae (cont'd)*

MILK SNAKE — *Lampropeltis triangulum*

L. t. celaenops

Colorado ..... Undetermined

New Mexico ..... Uncommon, restricted range

L. t. taylori

Arizona ..... Rare, isolated populations

Colorado ..... Undetermined

Utah ..... Rare

SONORA WHIPSNAKE — *Masticophis bilineatus*

M. b. bilineatus

Arizona ..... Common

New Mexico ..... Uncommon, peripheral

M. b. lineolatus

Arizona ..... Common, isolated populations

COACHWHIP — *Masticophis flagellum*

M. f. cingulum

Arizona ..... Uncommon, peripheral

New Mexico ..... Rare, endangered, isolated populations

M. f. lineatulus

Arizona ..... Undetermined

New Mexico ..... Common

M. f. piceus

Arizona ..... Common

California ..... Common

Nevada ..... Common

Utah ..... Uncommon

STRIPED WHIPSNAKE — *Masticophis taeniatus*

M. t. taeniatus

Arizona ..... Common

Colorado ..... Undetermined

Nevada ..... Common

New Mexico ..... Common

Utah ..... Common

RANGE REMARKS

FAMILY: *Colubridae (cont'd)*

SMOOTH GREEN SNAKE — *Opheodrys vernalis*

O. v. blanchardi

Colorado ..... Undetermined
New Mexico ..... Uncommon, restricted range
Utah ..... Uncommon, peripheral, restricted range
Wyoming ..... Rare

VINE SNAKE — *Oxybelis aeneus*

O. a. auratus

Arizona ..... Rare, isolated populations

SADDLED LEAF-NOSED SNAKE — *Phyllorhynchus browni*

P. b. browni

Arizona ..... Uncommon, peripheral

P. b. lucidus

Arizona ..... Uncommon, peripheral

SPOTTED LEAF-NOSED SNAKE — *Phyllorhynchus decurtatus*

P. d. nubilis

Arizona ..... Uncommon

P. d. perkinsi

Arizona ..... Common
California ..... Common
Nevada ..... Common

GOPHER SNAKE — *Pituophis melanoleucus*

P. m. affinis

Arizona ..... Common
California ..... Common
Colorado ..... Undetermined
New Mexico ..... Common

RANGE REMARKS

FAMILY: *Colubridae (cont'd)*

P. m. deserticola

Arizona ..... Common
California ..... Common
Colorado ..... Common
Nevada ..... Common
New Mexico ..... Common
Utah ..... Common
Wyoming ..... Uncommon

LONG-NOSED SNAKE — *Rhinocheilus lecontei*

R. l. lecontei

Arizona ..... Common
California ..... Common
Nevada ..... Uncommon
New Mexico ..... Common
Utah ..... Uncommon, peripheral

MOUNTAIN PATCH-NOSED SNAKE — *Salvadora grahamiae*

S. g. grahamiae

Arizona ..... Uncommon
New Mexico ..... Common

WESTERN PATCH-NOSED SNAKE — *Salvadora hexalepis*

S. h. deserticola

Arizona ..... Common
New Mexico ..... Common

S. h. hexalepis

Arizona ..... Common
California ..... Uncommon

S. h. mojavensis

Arizona ..... Common
California ..... Uncommon
Nevada ..... Uncommon
Utah ..... Uncommon, restricted range

RANGE REMARKS

FAMILY: *Colubridae (cont'd)*

WESTERN GROUND SNAKE — *Sonora semiannulata*

Arizona ..... Common
California ..... Undetermined
Nevada ..... Common
New Mexico ..... Uncommon
Utah ..... Uncommon, restricted range

PLAINS BLACK-HEADED SNAKE — *Tantilla nigriceps*

T. n. nigriceps

Arizona ..... Uncommon, peripheral
New Mexico ..... Uncommon

WESTERN BLACK-HEADED SNAKE — *Tantilla planiceps*

T. p. atriceps

Arizona ..... Uncommon
New Mexico ..... Uncommon

T. p. utahensis

Arizona ..... Undetermined
Colorado ..... Undetermined
Nevada ..... Undetermined
Utah ..... Uncommon, isolated populations

T. p. yaquia

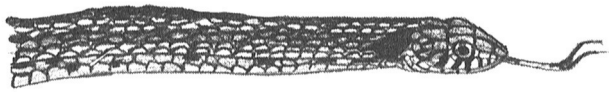
Arizona ..... Rare, peripheral

HUACHUCA BLACK-HEADED SNAKE — *Tantilla wilcoxi*

T. w. wilcoxi

Arizona ..... Rare, peripheral, isolated populations

BLACK-NECKED GARTER SNAKE — *Thamnophis cyrtopsis*



T. c. cyrtopsis

Arizona ..... Common
Colorado ..... Undetermined
New Mexico ..... Common
Utah ..... Uncommon

WESTERN TERRESTRIAL GARTER SNAKE — *Thamnophis elegans*

T. e. vagrans

Arizona ..... Common
Colorado ..... Common
Nevada ..... Common
New Mexico ..... Common
Utah ..... Common
Wyoming ..... Common

MEXICAN GARTER SNAKE — *Thamnophis eques*

T. e. megalops

Arizona ..... Uncommon
New Mexico ..... Uncommon, peripheral, restricted range

CHECKERED GARTER SNAKE — *Thamnophis marcianus*

Arizona ..... Common
California ..... Common
New Mexico ..... Uncommon

NARROW-HEADED GARTER SNAKE — *Thamnophis rufipunctatus*

Arizona ..... Threatened
New Mexico ..... Uncommon, endangered, peripheral, restricted range

COMMON GARTER SNAKE — *Thamnophis sirtalis*

T. s. fitchi

Utah ..... Common

SONORA LYRE SNAKE — *Trimorphodon lambda*

T. l. lambda

Arizona ..... Uncommon
California ..... Common
Nevada ..... Rare
New Mexico ..... Uncommon, endangered, restricted range
Utah ..... Uncommon, restricted range

RANGE REMARKS

FAMILY: *Elapidae*

ARIZONA CORAL SNAKE — *Micruroides euryxanthus*

M. e. euryxanthus

Arizona ..... Uncommon
New Mexico ..... Uncommon

FAMILY: *Leptotyphlopidae*

TEXAS BLIND SNAKE — *Leptotyphlops dulcis*

Arizona ..... Undetermined
New Mexico ..... Common

WESTERN BLIND SNAKE — *Leptotyphlops humilis*

Arizona ..... Common
California ..... Common
Nevada ..... Undetermined
New Mexico ..... Common
Utah ..... Uncommon, restricted range

FAMILY: *Viperidae*

WESTERN DIAMONDBACK RATTLESNAKE — *Crotalus atrox*

Arizona ..... Common
California ..... Uncommon
Nevada ..... Rare
New Mexico ..... Common

SIDEWINDER — *Crotalus cerastes*

C. c. cerastes

Arizona ..... Common
California ..... Common
Nevada ..... Common
Utah ..... Common, restricted range

C. c. cercobombus

Arizona ..... Common

C. c. laterorepens

Arizona ..... Common
California ..... Common

RANGE REMARKS

FAMILY: *Viperidae (cont'd)*

ROCK RATTLESNAKE — *Crotalus lepidus*

C. l. klauberi

Arizona ..... Rare, peripheral
New Mexico ..... Uncommon

SPECKLED RATTLESNAKE — *Crotalus mitchelli*

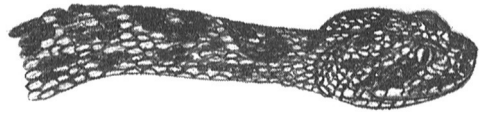
C. m. pyrrhus

Arizona ..... Common
California ..... Common
Nevada ..... Common
Utah ..... Rare, restricted range

C. m. stephensi

Nevada ..... Common

BLACK-TAILED RATTLESNAKE — *Crotalus molossus*



C. m. molossus

Arizona ..... Common
New Mexico ..... Common

TWIN-SPOTTED RATTLESNAKE — *Crotalus pricei*

C. p. pricei

Arizona ..... Rare, peripheral, isolated populations

MOJAVE RATTLESNAKE — *Crotalus scutulatus*

C. s. scutulatus

Arizona ..... Common
California ..... Common
Nevada ..... Common
New Mexico ..... Common, peripheral, restricted range
Utah ..... Rare, restricted range

RANGE REMARKS

TIGER RATTLESNAKE — *Crotalus tigris*

Arizona ..... Uncommon

WESTERN RATTLESNAKE — *Crotalus viridis*

C. v. abyssus

Arizona ..... Common, isolated populations

C. v. cerberus

Arizona ..... Common

New Mexico ..... Rare, endangered, restricted range

C. v. concolor

Colorado ..... Undetermined

Utah ..... Common

Wyoming ..... Uncommon

C. v. lutosus

Arizona ..... Common, peripheral

Nevada ..... Common

Utah ..... Common, peripheral

C. v. nuntius

Arizona ..... Common

Colorado ..... Undetermined

New Mexico ..... Uncommon

Utah ..... Common

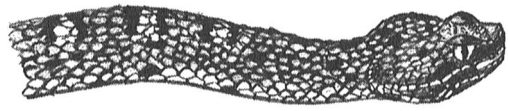
C. v. viridis

Colorado ..... Common

New Mexico ..... Common

Utah ..... Common

RIDGE-NOSED RATTLESNAKE — *Crotalus willardi*



C. w. willardi

Arizona ..... Threatened, peripheral, isolated populations

MASSASAUGA — *Sistrurus catenatus*

S. c. edwardsi

Arizona ..... Rare, endangered, peripheral

New Mexico ..... Rare, restricted range

STATE BY STATE SUMMARY OF AUTHORITY AND MANAGEMENT POLICY FOR THREATENED AND NONGAME SPECIES

Arizona — The Department of Game and Fish has authority to establish programs for management and preservation of all wildlife. Two biologists are assigned to nongame species, with the emphasis on federally recognized endangered or threatened species. The Department has published a list of "Threatened and Unique Wildlife of Arizona."

California — The Department of Fish and Game has authority to protect and manage rare, endangered and threatened species, and it has a cooperative agreement with the U.S. Fish and Wildlife Service to work with threatened or endangered species listed federally. The Department has eight full-time fishery biologists and eight wildlife biologists assigned to rare, endangered and nongame species work.

Colorado — The Division of Wildlife has statutory authority to protect and manage all wildlife including state and federally listed threatened and endangered species as well as species classified as nongame. The Colorado Nongame Program consists of 14 full-time employees. Included is a Planning-Administrative staff (5 persons), a research team (5 persons) and a regional field team (4 persons). The program is involved in research and management of aquatic, birds, mammals, reptiles, amphibians and raptor species. Primary emphasis is directed at recovery of state and federally listed threatened and endangered species by employing captive breeding, translocation or reintroduction techniques. Federal grant-in-aid funds, through the Endangered Species Act of 1973, are being used in recovery programs. On June 3, 1977, the Governor signed into law a bill which provides for a check-off box on state income tax forms and allows the taxpayers to donate 1, 5, 10 or more dollars of their refund to the nongame program budget. Over 1.5 million dollars have been generated by the tax check-off program since 1977.

Nevada — The Department of Wildlife has money available for nongame species, with priority given to birds, mammals, and the desert tortoise. The Department, which has statutory authority for protection for all species, employs three nongame biologists.

New Mexico — The Department of Game and Fish has money and authority for management of endangered, protected and nongame species. An Endangered Species Program was established in 1974 with four biologists. The Department's authority includes responsibility for all vertebrates, crustaceans and mollusks.

Utah — The Division of Wildlife Resources has authority and funding for management of endangered, protected and nongame species including reptiles and amphibians. A nongame section has been established with seven nongame biologists now employed. Emphasis is on threatened and endangered species and species of special concern.

Wyoming — The Game and Fish Department has an official list of rare and endangered species and has published a pamphlet describing these species. All Department management units have the responsibility for management of nongame and threatened species. There is limited statutory authority (game and fish laws) pertaining to these species.

References

Stebbins, Robert C.
1966. A field Guide to Western Reptiles and Amphibians. Houghton Mifflin Company, Boston.

Acknowledgements

R. Turner
Nevada Department of Wildlife, Las Vegas, Nevada

J. P. Hubbard
New Mexico Department of Game and Fish, Santa Fe, New Mexico

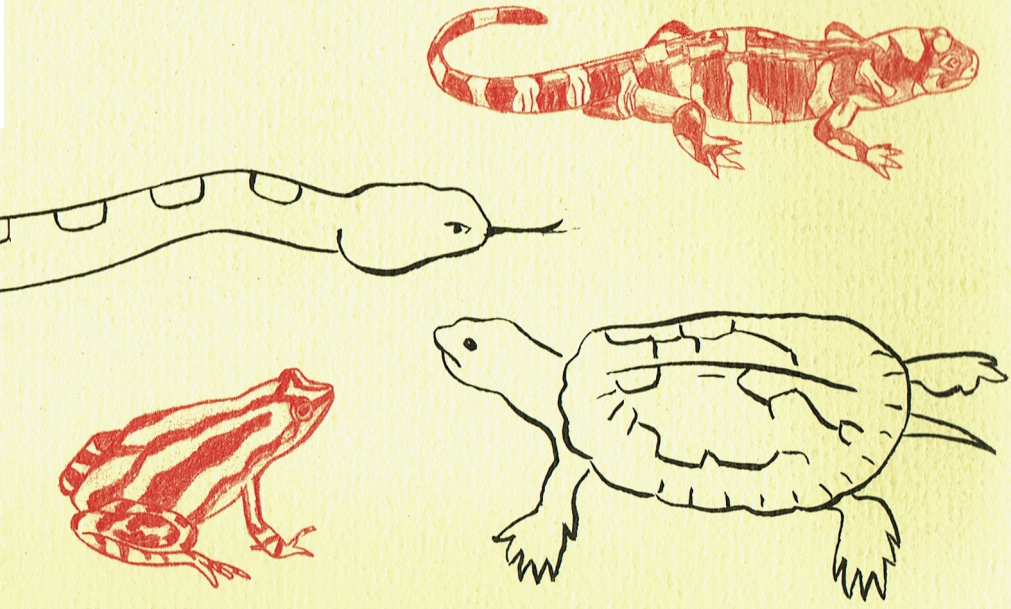
D. K. Hepworth
Utah Division of Wildlife Resources, Cedar City, Utah

T. R. Van Devender
Arizona Natural Heritage Nature Conservancy Program, Tucson, Arizona

G. R. Stewart
California State Polytechnic University, Pomona, California

W. Pratt
University of Nevada, Museum of Natural History, Las Vegas, Nevada

G. Baxter
University of Wyoming, Laramie, Wyoming

Colorado Reptile and Amphibian Distribution Latilog Study
David Langlois, Editor, Colorado Division of Wildlife, Denver, Colorado

Notes